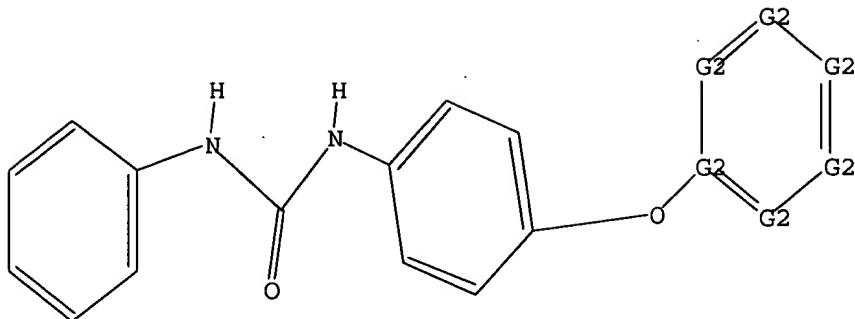


6/20/05

L17 STRUCTURE UPLOADED

=> d 117  
L17 HAS NO ANSWERS  
L17 STR



G1 O,S  
G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 117  
SAMPLE SEARCH INITIATED 11:56:01 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 984 TO ITERATE

100.0% PROCESSED 984 ITERATIONS 47 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 17799 TO 21561  
PROJECTED ANSWERS: 529 TO 1351

L18 47 SEA SSS SAM L17

=> s 117 ful  
FULL SEARCH INITIATED 11:56:09 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 19722 TO ITERATE

100.0% PROCESSED 19722 ITERATIONS 959 ANSWERS  
SEARCH TIME: 00.00.01

L19 959 SEA SSS FUL L17

|  | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
|--|---------------------|------------------|
| COST IN U.S. DOLLARS                       |                     |                  |
| FULL ESTIMATED COST                        | 161.33              | 545.03           |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE<br>ENTRY | TOTAL<br>SESSION |
| CA SUBSCRIBER PRICE                        | 0.00                | -4.38            |

09889227

6/20/05

FILE 'CAPLUS' ENTERED AT 11:56:13 ON 20 JUN 2005  
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FILE COVERS 1907 - 20 Jun 2005 VOL 142 ISS 26  
FILE LAST UPDATED: 19 Jun 2005 (20050619/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 119  
L20 228 L19  
  
=> s 120 and py<1998  
18128098 PY<1998  
L21 100 L20 AND PY<1998  
  
=> d abs bib hitstr 1-100  
  
L21 ANSWER 1 OF 100 CAPLUS COPYRIGHT 2005 ACS on STN  
AB ANHDNHB [A = (substituted) alkyl, alkenyl, alkynyl; B = (unsatd.) (substituted) mono- or bicyclic ring containing  $\leq 4$  heteroatoms; D = CO, CS, SO<sub>2</sub>], were prepared Thus, 4-(5-oxazolyl)aniline and PhCH<sub>2</sub>NCO were stirred overnight in CH<sub>2</sub>Cl<sub>2</sub> to give N-benzyl-N'-(4-(5-oxazolyl)phenyl)urea. Several title compds. inhibited IMPDH with Ki = 0.01-50 nM..  
AN 2002:103521 CAPLUS  
DN 136:151157  
TI Preparation of arylureas and related compounds as inhibitors of inosine 5'-monophosphate dehydrogenase.  
IN Armistead, David M.; Badia, Michael C.; Bemis, Guy W.; Bethiel, Randy S.; Frank, Catharine A.; Novak, Perry M.; Ronkin, Steven M.; Saunders, Jeffrey O.  
PA Vertex Pharmaceuticals, Incorporated, USA  
SO U.S., 22 pp., Cont.-in-part of U.S. 5,807,876.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 3

|    | PATENT NO. | KIND | DATE     | APPLICATION NO. | DATE     |
|----|------------|------|----------|-----------------|----------|
| PI | US 6344465 | B1   | 20020205 | US 1997-801780  | 19970214 |
|    | US 5807876 | A    | 19980915 | US 1996-636361  | 19960423 |

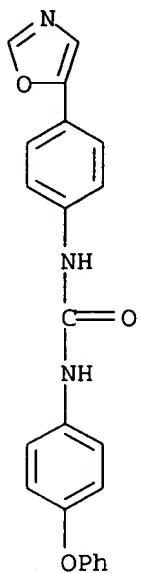
09889227

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|   |   |          |                  |              |
|---|---|----------|------------------|--------------|
| US 6054472  | A   | 20000425 | US 1997-832165   | 19970402     |
| CA 2252465  | AA  | 19971030 | CA 1997-2252465  | 19970421 <-- |
| WO 9740028  | A1  | 19971030 | WO 1997-US6623   | 19970421 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,<br>DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,<br>LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,<br>PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN,<br>YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |   |          |                  |              |
| RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,<br>GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,<br>ML, MR, NE, SN, TD, TG  |   |          |                  |              |
| AU 9726785  | A1  | 19971112 | AU 1997-26785    | 19970421 <-- |
| AU 723730   | B2  | 20000907 |                  |              |
| ZA 9703397  | A   | 19971114 | ZA 1997-3397     | 19970421 <-- |
| EP 902782   | A1  | 19990324 | EP 1997-918759   | 19970421     |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, SI, LT, LV, FI, RO  |   |          |                  |              |
| CN 1219929  | A   | 19990616 | CN 1997-194856   | 19970421     |
| CN 1116288  | B   | 20030730 |                  |              |
| BR 9708735  | A   | 19990803 | BR 1997-8735     | 19970421     |
| NZ 332405   | A   | 20000623 | NZ 1997-332405   | 19970421     |
| TR 9802136  | T2  | 20010621 | TR 1998-9802136  | 19970421     |
| JP 2001509132   | T2  | 20010710 | JP 1997-538234   | 19970421     |
| AP 813  | A   | 20000228 | AP 1997-973      | 19970423     |
| W: BW, GM, GH, KE, LS, MW, SD, SZ, UG, ZM, ZW   |   |          |                  |              |
| TW 574216   | B   | 20040201 | TW 1997-86105288 | 19970423     |
| NO 9804917  | A   | 19981223 | NO 1998-4917     | 19981022     |
| NO 312963   | B1  | 20020722 |                  |              |
| KR 2000010580   | A   | 20000215 | KR 1998-708454   | 19981022     |
| MX 9808804  | A   | 20000531 | MX 1998-8804     | 19981023     |
| US 6541496  | B1  | 20030401 | US 2000-556253   | 20000424     |
| US 2003195202   | A1  | 20031016 | US 2003-351731   | 20030124     |
| PRAI  | US 1996-636361  | A2       | 19960423         |              |
|   | US 1997-801780  | A2       | 19970214         |              |
|   | US 1997-832165  | A        | 19970402         |              |
|   | WO 1997-US6623  | W        | 19970421         |              |
|   | US 2000-556253  | A3       | 20000424         |              |
| OS  | MARPAT 136:151157   |          |                  |              |
| IT  | <b>198820-04-1</b>  |          |                  |              |
| RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL<br>(Biological study); USES (Uses)  |   |          |                  |              |
| (preparation of arylureas and related compds. as inhibitors of IMP<br>dehydrogenase)  |   |          |                  |              |
| RN  | 198820-04-1 CAPLUS  |          |                  |              |
| CN  | Urea, N-[4-(5-oxazolyl)phenyl]-N'-(4-phenoxyphenyl)- (9CI) (CA INDEX<br>NAME) |          |                  |              |

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RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 100 CAPLUS COPYRIGHT 2005 ACS on STN

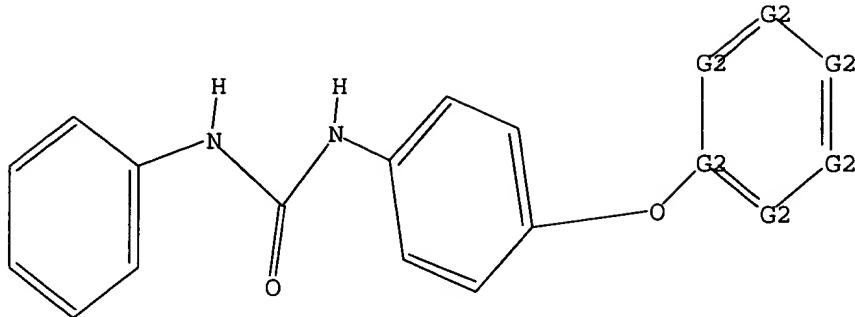
AB The invention relates to a novel class of compds. which are IMPDH  
inhibitors. This invention also relates to pharmaceutical compns.  
comprising these compds.

09889227

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L22 STRUCTURE UPLOADED

=> d 122  
L22 HAS NO ANSWERS  
L22 STR



G1 O,S  
G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 122  
SAMPLE SEARCH INITIATED 12:14:03 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 984 TO ITERATE  
  
100.0% PROCESSED 984 ITERATIONS 47 ANSWERS  
SEARCH TIME: 00.00.01  
  
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 17799 TO 21561  
PROJECTED ANSWERS: 529 TO 1351

L23 47 SEA SSS SAM L22

=> s 122 ful  
FULL SEARCH INITIATED 12:14:10 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 19722 TO ITERATE

100.0% PROCESSED 19722 ITERATIONS 959 ANSWERS  
SEARCH TIME: 00.00.02

L24 959 SEA SSS FUL L22

|  | SINCE FILE | TOTAL   |
|--|------------|---------|
|  | ENTRY      | SESSION |
| COST IN U.S. DOLLARS                       |            |         |
| FULL ESTIMATED COST                        | 161.33     | 1215.30 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL   |

09889227

6/20/05

| CA SUBSCRIBER PRICE | ENTRY | SESSION |
|---------------------|-------|---------|
|                     | 0.00  | -77.38  |

FILE 'CPLUS' ENTERED AT 12:14:17 ON 20 JUN 2005  
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FILE COVERS 1907 - 20 Jun 2005 VOL 142 ISS 26  
FILE LAST UPDATED: 19 Jun 2005 (20050619/ED)

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=> s 124  
L25 228 L24

=> s 125 and py<1998  
18128098 PY<1998  
L26 100 L25 AND PY<1998

=> d his

(FILE 'HOME' ENTERED AT 11:33:58 ON 20 JUN 2005)

FILE 'REGISTRY' ENTERED AT 11:34:18 ON 20 JUN 2005  
L1 STRUCTURE uploaded  
L2 50 S L1  
L3 10272 S L1 FUL  
L4 0 S L3 AND PY<1998

FILE 'CPLUS' ENTERED AT 11:39:26 ON 20 JUN 2005  
L5 0 S L3 AND PY<1998

FILE 'CPLUS' ENTERED AT 11:39:43 ON 20 JUN 2005  
L6 2779 S L3  
L7 1904 S L6 AND PY<1998  
L8 0 S L7 AND REIDL/IN  
L9 0 S L7 AND REIDL

FILE 'CPLUS' ENTERED AT 11:40:57 ON 20 JUN 2005  
L10 0 S L7 AND RIEIDL

FILE 'REGISTRY' ENTERED AT 11:45:13 ON 20 JUN 2005  
L11 STRUCTURE uploaded

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L12 20 S L11  
L13 1344 S L11 FUL

FILE 'CAPLUS' ENTERED AT 11:45:57 ON 20 JUN 2005  
L14 380 S L13  
L15 0 S L14 AND PY<1998  
L16 295 S L14 AND PY<1998

FILE 'REGISTRY' ENTERED AT 11:55:42 ON 20 JUN 2005  
L17 STRUCTURE uploaded  
L18 47 S L17  
L19 959 S L17 FUL

FILE 'CAPLUS' ENTERED AT 11:56:13 ON 20 JUN 2005  
L20 228 S L19  
L21 100 S L20 AND PY<1998

FILE 'REGISTRY' ENTERED AT 12:13:28 ON 20 JUN 2005  
L22 STRUCTURE uploaded  
L23 47 S L22  
L24 959 S L22 FUL

FILE 'CAPLUS' ENTERED AT 12:14:17 ON 20 JUN 2005  
L25 228 S L24  
L26 100 S L25 AND PY<1998

=> s 126 not 121  
L27 0 L26 NOT L21

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